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BULLETIN OF BUSINESS RESEARCH

STATISTICAL SUMMARY

Center for Business and Economic Research

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Business Conditions in Ohio and the United States

ITEM	Unit or Index Base Period	OHIO Aug. 1979 (p)	OHIO July 1979 (r)	OHIO Change From Last Month: Aug. 1979 from July 1979	OHIO Change From Last Year: Aug. 1979 from Aug. 1978	OHIO Change From Last Year: 8 months 1979 from 1978	UNITED STATES Aug. 1979 (p)	UNITED STATES July 1979 (r)	UNITED STATES Change From Last Month: Aug. 1979 from July 1979	UNITED STATES Change From Last Year: Aug. 1979 from Aug. 1978	UNITED STATES Change From Last Year: 8 months 1979 from 1978
GENERAL BUSINESS				%	%	%			%	%	%
• Bank Debits[5, 11]	*1967*[f]	n.a.	n.a.	n.a.	n.a.	n.a.	*Bil.$ Ex.NY*[d, h]	n.a.	n.a.	n.a.	n.a.	n.a.
Commercial Failures—Number[12]	*Number*	n.a.	n.a.	n.a.	n.a.	n.a.	*Number*	n.a.	n.a.	n.a.	n.a.	n.a.
Commercial Failures—Liabilities[12]	*Thous. Dol.*	n.a.	n.a.	n.a.	n.a.	n.a.	*Thous. Dol.*	n.a.	n.a.	n.a.	n.a.	n.a.
Life Insurance Sales[6]	*1967*	320	296	+ 8	+ 15	+ 20	*1967*	348	329	+ 1	+ 1	+ 1
INCOME												
• Total Personal Income[1, 13]	*Mil. Dol.*[d, h]	94,192	93,952	+ x	+ 10	+ 12	*Bil. Dol.*[d, h]	1,947	1,932	+ 1	+ 12	+ 12
Salaries & Wages Income[7, 13]	*Mil. Dol.*[d, h]	c	c	— 2	+ 3	+ 7	*Bil. Dol.*[d, h]	1,237	1,230	+ 1	+ 11	+ 12
Nonagricultural Income[13]		b	b	b	b	b	*Bil. Dol.*[d, h]	1,897	1,882	+ 1	+ 11	+ 12
Employee Earn.—Gross Wkly.: Mfgr.[14, 15]	*Dollars*	318.65	324.66	— 2	+ 4	+ 7	*Dollars*	267.20	268.40	— x	+ 7	+ 8
" " " Const.[14, 15]	*Dollars*	441.21	434.72	+ 2	+ 7	+ 7	*Dollars*	353.95	347.97	+ 1	+ 7	+ 8
Agr. Income (Cash Mktgs.)[16, 17]	*1957–59*	n.a.	n.a.	n.a.	n.a.	n.a.	*1967*	269	267	+ 1	+ 6	+ 22
EMPLOYMENT & UNEMPLOYMENT												
Civilian Labor Force[14, 15]	*Thousands*	5,155	5,107	+ 1	+ 3	+ 4	*Thousands*	104,363	104,995	— 1	+ 2	+ 3
Civilian Employment[14, 15]	*Thousands*	4,800	4,769	+ 1	+ 1	+ 3	*Thousands*	98,226	98,891	— 1	+ 2	+ 3
Nonagricultural Employment[14, 15]	*Thousands*	4,471	4,497	— 1	+ 2	+ 3	*Thousands*	94,431	95,034	— 1	+ 2	+ 3
Mfg. Prod. Employment[7, 15]	*1967*	77	79	— 3	— 5	— x	*1967*	104	103	+ x	+ 1	+ 3
• Mfg. Prod. Payrolls[7, 15]	*1967*	170	178	— 5	— 1	+ 7	*1967*	242	242	— x	+ 8	+ 12
Average Weekly Hours—Mfg. Prod.[7, 15]	*Number*	40.8	41.2	— 1	— 3	— 1	*Number*	40.0	40.0	+ x	— 1	— x
Unemployment, Total—No.[14, 15]	*Thousands*	354	338	+ 5	+ 36	+ 13	*Thousands*	6,137	6,104	+ 1	+ 4	— 3
Unemployment, Total—Rate[14, 15]	*Percent*	6.9	6.6				*Percent*	5.9	5.8			
Unemployment, Insured[14, 15]	*Thousands*	113	97	+ 16	+ 70	+ 15	*Thousands*	2,379	2,429	— 2	— 1	— 8
Registered for Work, O.B.E.S.[14]	*Thousands*	327	329	— x	+ 3	— 8		b	b	b	b	b
Unemployment Compensation Fund[14]	*Mil. Dol.*	593	532	+ 11	+ 39	+ 97		b	b	b	b	b
PRODUCTION												
Gross National Product (Quarterly)[13]		b	b	b	b	b	*Bil. Dol.*[d, h]	n.a.	n.a.	n.a.	n.a.	n.a.
Industrial Production[7, 11]	*1967*	c	c	— 4	— 8	— 1	*1967*[d]	152	153	— 1	+ 2	+ 6
• Steel Production[18]	*Thous. Tons*	1,800	1,790	+ 1	+ 2	+ 8	*Thous. Tons*	11,309	11,821	— 4	— 2	+ 5
Electric Power Production[8]	*1967*[f]	n.a.	n.a.	n.a.	n.a.	n.a.	*Mil. KWH*	n.a.	n.a.	n.a.	n.a.	n.a.
Bituminous Coal Production[19]	*Thous. Tons*	3,976	2,588	+ 54	— 17	+ 7	*Thous. Tons*	72,100	54,495	+ 32	+ 12	+ 26
Pig Iron Production[18]	*Thous. Tons*	1,217	1,239	— 2	+ 1	+ 6	*Thous. Tons*	7,351	7,799	— 6	— 2	+ 6
Machine Tools—Shipments[20]		b	b	b	b	b	*Mil. Dol.*	285.35	267.70	+ 7	+ 32	+ 26
Machine Tools—New Orders[20]		b	b	b	b	b	*Mil. Dol.*	426.05	362.10	+ 18	+ 14	+ 30
Durable Goods—New Orders[13]		b	b	b	b	b	*Mil. Dol.*[d]	74,385	72,476	+ 3	+ 5	+ 15
CONSTRUCTION (Value of Contracts)												
• Total (Seas. Adj.)[9, 21]	*1967*[d]						*1967*[d]					
Total[9, 21]	*1967*[f]	243	210	+ 16	— 11	+ 9	*Mil. Dol.*	14,472	14,715	— 2	— 10	+ 6
Residential Building[9, 21]	*1967*[f]	252	253	— 1	— 12	— 2	*Mil. Dol.*	7,069	7,008	+ 1	— 1	+ 4
Nonresidential Building[9, 21]	*1967*[f]	190	166	+ 15	— 18	+ 27	*Mil. Dol.*	4,515	4,510	+ x	+ 10	+ 14
Utilities and Non-Building Const.[9, 21]	*1967*[f]	361	219	+ 65	+ 9	+ 7	*Mil. Dol.*	2,889	3,198	— 10	— 40	+ 2
DISTRIBUTION												
Total Retail Sales[2, 13]	*1957–59*[d]	299	286	+ 4	+ 8	+ 6	*Mil. Dol.*[d]	74,621	72,370	+ 3	+ 11	+ 11
Department Store Sales[2, 13]	*1957–59*[d]	257	252	+ 2	+ 10	+ 7	*Mil. Dol.*[d]	7,294	7,162	+ 2	+ 9	+ 7
• New Passenger Cars Registered[3, 22]	*1967*	124	126	— 1	— 13	— 8	*No.–49 sts.*	877,157	912,711	— 4	— 17	— 5
New Trucks Registered[3, 22]	*No.–41 cos.*	6,189	5,927	+ 4	— 27	— 23	*No.–47 sts.*	285,607	289,455	— 1	— 28	— 11
Used Cars Registered[3]	*No.–33 cos.*	39,127	34,981	+ 12	— 9	— 8		b	b	b	b	b
PRICES												
• Consumer Price Index[15]:												
All Urban Consumers		b	b	b	b	b	*1967*	221	219	+ 1	+ 12	+ 11
Wage Earners & Clerical Workers		b	b	b	b	b	*1967*	222	219	+ 1	+ 12	+ 11
Producer Price Index[15]:												
All Commodities		b	b	b	b	b	*1967*	238	237	+ 1	+ 13	+ 11
Finished Goods		b	b	b	b	b	*1967*	217	216	+ 1	+ 11	+ 10
Intermediate Materials		b	b	b	b	b	*1967*	247	244	+ 1	+ 14	+ 11
Crude Materials		b	b	b	b	b	*1967*	282	287	— 2	+ 17	+ 18
Sensitive Indus. Commodities[15]		b	b	b	b	b	*1967*	298	297	+ x	+ 28	+ 29
BANKING AND FINANCE												
• Bank Loans, Large Banks—Total[11]	*Mil. Dol.*	22,497	25,173	— 11	n.a.	n.a.	*Mil. Dol.*	386,234	377,693	+ 2	n.a.	n.a.
" " " Bus. & Agric.[11]	*Mil. Dol.*	8,180	8,861	— 8	n.a.	n.a.	*Mil. Dol.*	152,187	150,659	+ 1	n.a.	n.a.
Stock Price Index—400 Indust.[23]		b	b	b	b	b	*1941–43 = 10*	118.9	112.4	+ 6	+ 3	+ 7
" " " 40 Utils.[23]		b	b	b	b	b	*1941–43 = 10*	52.8	51.7	+ 2	— 1	— 3
" " " 20 Utils.[23]		b	b	b	b	b	*1970 = 10*	16.5	15.1	+ 9	+ 6	+ 4
Yield, Corp. AAA Bonds[23]		b	b	b	b	b	*Percent*	9.17	9.14	+ x	+ 5	+ 7

• Indicates series charted (page S-1). For sources and footnotes, see page S-3.

Business Conditions in the 8 Largest OHIO CITIES

ITEM	Unit or Index Base Period	AKRON		Change From Last Year		CANTON		Change From Last Year		CINCINNATI		Change From Last Year		CLEVELAND		Change From Last Year	
		Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978
Number Employed[7]:				%	%			%	%			%	%			%	%
Total[w]	1967	79	85	— 10	— 6	101	101	+ 4	+ 4	97	97	— 1	— 1	89	93	— 4	+ 1
Manufacturing	"	52	61	— 20	— 8	94	94	+ 8	+ 7	74	73	— 5	— 1	68	76	— 11	+ 1
Trade, Serv., & Utils.	"	113	115	— 3	— 4	115	116	+ 2	+ 1	120	122	+ x	— 3	110	110	+ x	+ x
Construction	"	75	72	— 2	+ 5	83	83	— 7	+ 2	92	90	+ 9	+ 26	90	89	+ 4	+ 2
Payrolls[7]:																	
Total[w]	"	162	171	— 5	+ 2	246	252	+ 11	+ 14	241	239	+ 6	+ 9	200	210	+ x	+ 8
• Manufacturing	"	106	120	— 17	— 3	219	232	+ 12	+ 18	186	173	— 3	+ 3	144	170	— 10	+ 10
Trade, Serv., & Utils.	"	264	266	+ 5	+ 5	322	309	+ 9	+ 8	313	327	+ 12	+ 12	269	257	+ 8	+ 7
Construction	"	180	167	+ 2	+ 10	188	201	+ 3	+ 6	232	223	+ 23	+ 44	237	240	+ 8	+ 9
Emp. Earn.—Gross Wkly.[7]:																	
All Industries[w]	$	310.06	298.67	+ 5	+ 7	317.86	326.59	+ 6	+ 9	286.53	279.93	+ 7	+ 11	344.12	348.38	+ 4	+ 8
Manufacturing	"	354.97	337.50	+ 3	+ 6	345.39	366.31	+ 4	+ 10	338.05	326.09	+ 3	+ 5	359.86	382.06	+ 1	+ 9
Trade, Serv., & Utils.	"	241.64	238.31	+ 9	+ 10	259.72	247.45	+ 9	+ 8	218.92	224.15	+ 13	+ 20	313.74	299.08	+ 7	+ 7
Construction	"	455.79	438.62	+ 3	+ 4	434.84	464.38	+ 5	+ 5	444.66	431.93	+ 13	+ 13	485.45	497.48	+ 3	+ 5
Retail Sales[2]	%	c	c	+ 10	+ 7	c	c	+ 7	+ 9	c	c	+ 8	+ 5	c	c	+ 13	+ 6
Auto Titles[3]:																	
New Cars	No.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5,388	5,314	— 8	— 10	7,900	8,603	— 23	— 11
New Trucks	"	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	828	734	— 17	— 15	1,074	1,013	— 24	— 12
Retail Food Prices[15]	1967	b	b	b	b	b	b	b	b	251	249	+ 10	+ 12	240	242	+ 7	+ 13
Bank Debits[5]	1967f	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Commercial Failures[12]:																	
Failures	No.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Liabilities	Thous. $	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Indus. Power Consump.[4]	1967f	149	151	— 6	+ 2	b	b	b	b	b	b	b	b	b	b	b	b
Value of Bldg. Const.[8]:																	
Total	"	174	185	— 14	+ 9	162	180	— 30	+ 20	165	150	+ 21	+ 36	87	117	— x	+ 11
Residential	"	226	209	— 28	— 17	207	214	— 19	+ 14	162	140	— 5	+ 34	97	91	+ 7	— 3
Nonresidential	"	122	161	+ 35	+ 71	106	138	— 47	+ 31	167	159	+ 58	+ 38	77	140	— 8	+ 24
Steel Production[18]	1967g	b	b	b	b	b	b	b	b	96	111	— 13	— 2	128	132	+ 14	+ 15
Labor Force Estimates[14]:																	
Civilian Labor Force	Thous.	244.8	244.8	+ 1	+ 2	175.0	174.3	+ 3	+ 4	442.1	437.2	+ 4	+ 2	760.3	758.1	+ x	+ 2
Civilian Employment	"	228.3	227.2	+ x	+ 2	165.0	163.1	+ 3	+ 4	414.8	411.4	+ 3	+ 2	717.3	714.2	— 1	+ 2
Unemp. Total—No.	"	16.5	17.6	+ 18	+ 9	10.0	11.2	+ 17	+ 7	27.3	25.7	+ 21	+ 7	42.9	43.9	+ 23	+ 9
Unemp., Total—Rate	%	6.7	7.2			5.7	6.4			6.2	5.9			5.6	5.8		

ITEM	Unit or Index Base Period	COLUMBUS		Change From Last Year		DAYTON		Change From Last Year		TOLEDO		Change From Last Year		YOUNGSTOWN		Change From Last Year	
		Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from Aug. 1978	8 months 1979 from 1978
Number Employed[7]:				%	%			%	%			%	%			%	%
Total[w]	1967	103	104	— 1	+ x	102	110	— 2	+ 3	102	99	— 1	+ x	86	86	+ 7	+ 1
Manufacturing	"	72	73	— 6	— 6	59	73	— 13	— x	82	75	— 9	— 4	59	58	+ 1	+ 1
Trade, Serv., & Utils.	"	125	127	+ x	+ 2	163	164	+ 4	+ 5	123	122	+ 4	+ 3	121	122	+ 12	+ 1
Construction	"	79	76	+ 10	+ 10	109	108	+ 4	+ 5	87	86	+ 2	+ 10	62	62	— 9	— 2
Payrolls[7]:																	
Total[w]	"	241	237	+ 4	+ 7	191	208	+ 1	+ 9	234	220	+ 1	+ 6	194	191	+ 20	+ 10
• Manufacturing	"	155	153	— 2	+ 3	120	154	— 12	+ 7	176	156	— 11	— 1	142	142	+ 11	+ 11
Trade, Serv., & Utils.	"	323	319	+ 6	+ 9	334	324	+ 12	+ 10	319	311	+ 11	+ 11	295	288	+ 28	+ 10
Construction	"	182	175	+ 18	+ 14	275	233	+ 20	+ 12	202	200	+ 6	+ 14	175	162	+ 15	+ 13
Emp. Earn.—Gross Wkly.[7]:																	
All Industries[w]	$	280.30	272.18	+ 7	+ 8	332.40	334.77	+ 5	+ 8	323.45	314.76	+ 4	+ 6	312.02	309.83	+ 14	+ 10
Manufacturing	"	333.89	323.62	+ 7	+ 11	360.03	377.02	+ x	+ 8	358.78	347.04	— x	+ 6	347.13	353.73	+ 11	+ 10
Trade, Serv., & Utils.	"	234.83	227.07	+ 8	+ 7	278.50	268.16	+ 11	+ 8	272.13	265.28	+ 9	+ 8	242.11	234.64	+ 17	+ 8
Construction	"	382.15	381.92	+ 7	+ 2	448.02	383.37	+ 16	+ 7	481.12	481.00	+ 4	+ 3	513.47	475.02	+ 25	+ 14
Retail Sales[2]	%	c	c	+ 5	+ 2	n.a.	n.a.	n.a.	n.a.	c	c	+ 5	+ 1	c	c	+ x	+ 4
Auto Titles[3]:																	
New Cars	No.	5,151	4,913	— 7	— 6	3,192	2,856	— 8	— 14	n.a.	n.a.	n.a.	n.a.	1,603	1,648	+ 1	— x
New Trucks	"	902	1,109	— 28	— 16	384	484	— 45	— 26	n.a.	n.a.	n.a.	n.a.	273	327	— 28	+ 3
Retail Food Prices[15]	1967	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b
Bank Debits[5]	1967f	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Commercial Failures[12]:																	
Failures	No.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Liabilities	Thous. $	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Indus. Power Consump.[4]	1967f	b	b	b	b	b	b	b	b	151	157	— 8	+ 1	83	86	+ 11	+ 8
Value of Bldg. Const.[8]:																	
Total	"	317	164	+ 79	+ 40	142	189	+ 13	+ 31	151	100	+ 21	+ 66	245	358	— 46	— 4
Residential	"	202	176	+ 33	+ 24	186	176	+ 30	+ 40	274	203	+ 20	+ 7	173	265	— 59	— 18
Nonresidential	"	431	152	+113	+ 56	87	206	— 16	+ 22	85	45	+ 24	+155	328	467	— 32	+ 18
Steel Production[18]	1967g	b	b	b	b	b	b	b	b	b	b	b	b	89	78	— x	+ 5
Labor Force Estimates[14]:																	
Civilian Labor Force	Thous.	442.5	439.9	+ 4	+ 6	277.4	275.7	+ 5	+ 5	227.1	225.2	— 5	— 4	135.4	132.9	+ 4	+ 3
Civilian Employment	"	419.5	415.1	+ 3	+ 5	252.3	252.1	— x	+ 3	208.8	207.2	— 7	— 5	123.5	123.1	+ 3	+ 4
Unemp. Total—No.	"	23.0	24.8	+ 12	+ 10	25.1	23.5	+101	+ 48	18.3	18.0	+ 22	+ 4	11.9	9.8	+ 22	— 13
Unemp., Total—Rate	%	5.2	5.6			9.1	8.5			8.0	8.0			8.8	7.4		

NOTE: All data are for county areas except bank debits and commercial failures, which are for areas within city limits. The indexes of number employed and payrolls and the employee weekly earnings are based on data for production workers in manufacturing, construction workers in contract construction, and nonsupervisory employees in other categories which exclude agriculture, government, education, and public institutions.

• Indicates series charted (page S-3). For sources and footnotes, see page S-3.

Number Employed, Payrolls, and Man-Hours in Ohio Industry

INDUSTRIAL GROUP	NUMBER EMPLOYED[7]					PAYROLLS[7]					MAN-HOURS[7]				
	INDEX (1967 = 100)		CHANGE			INDEX (1967 = 100)		CHANGE			INDEX (1967 = 100)		CHANGE		
	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from July 1979	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (r)	July 1979 (p)	Aug. 1979 from July 1979	Aug. 1979 from Aug. 1978	8 months 1979 from 1978	Aug. 1979 (p)	July 1979 (r)	Aug. 1979 from July 1979	Aug. 1979 from Aug. 1978	8 months 1979 from 1978
			%	%	%			%	%	%			%	%	%
Total[w] (2,450)[a]	**89**	**91**	**— 2**	**— 2**	**+ x**	**195**	**199**	**— 2**	**+ 3**	**+ 8**	**88**	**89**	**— 2**	**— 3**	**+ x**
All Manufacturing[w] (1,334)	**77**	**79**	**— 3**	**— 5**	**— x**	**170**	**178**	**— 5**	**— 1**	**+ 7**	**71**	**74**	**— 4**	**— 8**	**— 1**
Chemicals (69)	100	100	+ x	+ 1	+ 1	217	212	+ 2	+ 6	+ 8	96	95	+ 1	— x	+ 1
Food Products (91)	84	78	+ 8	— 1	— 2	204	185	+ 10	+ 7	+ 4	77	70	+ 10	— 2	— 4
Bakery	77	78	— 1	— 2	— 5	177	180	— 2	+ 7	+ 3	72	75	— 4	— 3	— 5
Miscellaneous	85	78	+ 9	— 1	— 1	207	185	+ 12	+ 7	+ 4	77	69	+ 12	— 2	— 4
Lumber Products (47)	93	95	— 2	— 4	+ 1	182	178	+ 2	+ 5	+ 7	84	84	+ 1	— 2	— x
Furniture	100	103	— 3	— 4	— x	195	192	+ 2	+ 6	+ 6	96	96	— x	— 2	— 2
Miscellaneous	82	83	— 1	— 2	+ 6	164	160	+ 3	+ 5	+ 13	69	67	+ 2	— 2	+ 4
Machinery (310)	73	74	— 2	— 1	+ 1	153	156	— 2	+ 6	+ 9	68	70	— 3	— 3	+ x
Elec. Mach., Apparatus and Supplies	80	83	— 4	— 3	— 1	174	180	— 3	+ 2	+ 6	75	79	— 5	— 6	— 2
Machine Tools	64	64	— x	+ 10	+ 5	139	141	— 1	+ 21	+ 16	65	66	— 1	+ 10	+ 6
Agricultural Equipment	49	49	— x	+ 3	+ 6	107	105	+ 2	+ 12	+ 16	55	54	+ 2	+ 4	+ 6
Special Machinery and Appliances	68	67	+ 1	— 3	+ 1	136	135	+ x	+ 7	+ 10	63	63	— x	— 3	+ 1
Metal Products (360)	81	88	— 7	— 8	+ 1	181	202	— 10	— 5	+ 9	73	81	— 10	— 12	+ x
Foundry Products and Drop Forgings	78	99	— 22	— 25	— 2	177	241	— 27	— 29	+ 4	63	82	— 23	— 30	— 3
Pipes, Valves, and Plumbers' Supplies	84	88	— 5	+ 1	+ 15	203	207	— 2	+ 5	+ 18	94	97	— 3	— 3	+ 10
Screw Machine Products and Hdwe.	94	96	— 2	— 1	+ 4	168	175	— 4	— 9	+ 6	95	95	— 1	— 10	— 1
Sheet Metal Work	84	86	— 3	— 10	— 1	175	190	— 8	— 9	+ 1	70	73	— 4	— 14	— 6
Steel Works and Rolling Mills	78	82	— 5	— 3	+ 2	179	195	— 8	+ 5	+ 13	72	81	— 11	— 6	+ 3
Stoves and Furnaces	100	93	+ 7	— 16	— 3	197	167	+ 18	— 14	+ 5	105	92	+ 14	— 19	— 5
Miscellaneous	79	84	— 6	— 5	+ 1	170	187	— 9	— 2	+ 11	67	73	— 8	— 8	+ 2
Paper and Printing (147)	66	67	— x	— 3	— 2	164	163	+ 1	+ 2	+ 3	63	63	— 1	— 6	— 4
Paper and Pulp	50	49	+ 1	— 4	— 4	158	156	+ 1	— 1	+ 1	42	42	— 1	— 9	— 8
Printing and Publishing	80	80	+ x	— 1	— 2	180	176	+ 2	+ 8	+ 5	74	73	+ 2	+ 1	— 1
Miscellaneous	66	67	— 1	— 4	— 2	155	156	— x	+ 1	+ 3	67	68	— 1	— 6	— 3
Rubber Products (55)	62	72	— 14	— 15	— 5	140	167	— 16	— 11	+ 5	57	64	— 12	— 16	— 4
Tires and Tubes	50	52	— 3	— 6	— 8	104	103	+ x	— 4	+ 2	37	37	— x	— 10	— 7
Miscellaneous	69	84	— 18	— 19	— 3	166	219	— 24	— 16	+ 7	73	88	— 17	— 19	— 3
Stone, Clay, and Glass Products (95)	76	74	+ 2	— 4	— 4	176	178	— 1	— 1	+ 2	81	80	+ 1	— 7	— 5
Brick and Tile	61	63	— 4	+ 26	+ 17	120	126	— 4	+ 33	+ 30	61	64	— 4	+ 28	+ 21
Glass	80	80	+ x	— 12	— 10	168	177	— 5	— 11	— 6	76	79	— 3	— 17	— 13
Vitreous & Semi-Vit. China & Pottery	54	51	+ 6	— 4	— 1	150	137	+ 10	+ 8	+ 8	82	73	+ 12	— 3	— 2
Miscellaneous	95	89	+ 6	+ 4	+ 3	233	228	+ 2	+ 8	+ 8	99	96	+ 3	+ 2	+ 3
Textiles (37)	67	77	— 12	— 10	— x	101	113	— 10	— 2	+ 8	68	76	— 10	— 6	+ 2
Men's Clothing	81	83	— 2	— 4	— 2	108	109	— 2	+ 5	+ 9	77	76	+ 1	+ 4	+ 5
Miscellaneous	60	74	— 19	— 14	+ 1	100	121	— 17	— 8	+ 8	63	77	— 18	— 13	+ x
Vehicles (63)	79	81	— 2	— 11	+ 1	182	193	— 6	— 13	+ 7	69	73	— 5	— 20	— 2
Autos and Parts	88	90	— 2	— 14	+ 2	209	224	— 7	— 17	+ 7	76	81	— 6	— 23	— 3
Cars, Electric and Steam Railway	113	113	+ x	+ 21	+ 14	249	248	+ x	+ 30	+ 28	106	107	— x	+ 25	+ 21
Miscellaneous	55	53	+ 4	+ 3	— 6	110	110	+ x	+ 12	+ 3	52	52	+ x	+ 3	— 4
Miscellaneous Manufacturing (60)	68	67	+ 1	+ 8	— 1	140	138	+ 1	+ 16	+ 7	63	63	— x	+ 7	— 1
Total Trade, Service, and Utilities[w] (731)	**105**	**106**	**— 1**	**+ x**	**— x**	**234**	**234**	**+ x**	**+ 8**	**+ 8**	**111**	**112**	**— 1**	**+ 1**	**+ 1**
Service (212)	128	128	— x	+ 3	+ 3	249	251	— 1	+ 8	+ 8	148	149	— x	+ 4	+ 4
Trade, Retail and Wholesale (407)	91	93	— 2	— 3	— 3	203	206	— 2	+ 6	+ 6	92	93	— 2	— 2	— 2
Transportation & Public Utilities (112)	109	110	— x	+ 5	— 2	295	282	+ 5	+ 14	+ 9	109	109	— 1	+ 5	+ 2
Construction (354)	**80**	**79**	**+ 2**	**+ 2**	**+ 7**	**196**	**188**	**+ 4**	**+ 10**	**+ 14**	**74**	**70**	**+ 5**	**+ 4**	**+ 8**
Mines and Quarries (31)	**129**	**128**	**+ 1**	**+ 1**	**+ 40**	**266**	**269**	**— 1**	**+ 16**	**+ 62**	**79**	**79**	**— 1**	**+ 6**	**+ 46**

Indexes of number employed and of payrolls are based on the employment of 522,099 persons (production workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in other categories) in 2,450 firms; indexes of man-hours, on the employment of 508,436 production workers and nonsupervisory employees in 2,353 firms. Figures in parentheses show number of firms reporting employment and payrolls. In some cases fewer firms report man-hours. Data do not include agriculture, government, education, or public institutions. For sources and footnotes, see below.

FOOTNOTES FOR BULLETIN TABLES AND CHARTS

[1]Change in number of failures; [a]Figures in parentheses show number of firms reporting this month; [n.a.]Current data not available; [b]Comparable data not available; [c]Only percentage of change available; [d]Adjusted for seasonal change; [f]Adjusted for number of working days; [g]Four weeks average; [h]Annual rate; [p]Preliminary; [r]Revised; [s]Series revised; [w]Weighted; [x]Less than 0.5 percent; [z]More than 1,000 percent increase.

Primary Sources:

Computed from: [1]Center for Business and Economic Research multiple regression model.

Computed from original data collected by the Center for Business and Economic Research from: [2]Ohio retailers; [3]County Clerks of Courts; [4]Local Power and Light Companies.

Computed by the Center for Business and Economic Research from data supplied by: [5]Board of Governors of the Federal Reserve System; [6]Life Insurance Marketing and Research Association; [7]Division of Research and Statistics of the Ohio Bureau of Employment Services, collected in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor; [8]Federal Power Commission; [9]F. W. Dodge Division, McGraw-Hill Information Systems Company; [10]Dun & Bradstreet, Inc.

Other data sources: [11]Federal Reserve Board; [12]Dun & Bradstreet, Inc.; [13]U.S. Department of Commerce; [14]Division of Research and Statistics of the Ohio Bureau of Employment Services; [15]U.S. Department of Labor; [16]Department of Agricultural Economics, O.S.U.; [17]U.S. Department of Agriculture; [18]American Iron and Steel Institute; [19]U.S. Department of Energy; [20]National Machine Tool Builders' Association; [21]F. W. Dodge Division, McGraw-Hill Information Systems Company; [22]R. L. Polk & Co.; [23]Standard & Poor's Corporation.

Note: In the Ohio-U.S. table, page S-2, dual source notes on a single line of the table stub refer first to Ohio data, second to U.S. data.

Ohio Retail Sales Trends

August Sales of Ohio Retailers increased 5 percent over July sales before adjustment for seasonal variation—and showed a 4 percent gain in August from July after seasonal adjustment. The gain over year-ago August, +8 percent, was the largest percentage increase from a corresponding month in 1978 since January 1979.

For the First Eight Months of 1979, sales totaled 5 percent above cumulative sales in the first 8 months of 1978.

By Kind of Business, sales in most of the individual categories were above 1978 sales levels both in August and in the 8-month period of the year. Compared with sales in August 1978, the only declines for August 1979 were —7 percent in sales by lumber-building materials dealers, —6 percent by "other automotive" stores, and —4 percent by jewelry stores. A notable increase from sales in year-ago August was the 6 percent rise in sales by motor vehicle dealers. For the year-to-date, however, motor vehicle dealers and "other automotive" stores experienced the only sales declines from the first 8 months of 1978.

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INDEXES OF OHIO RETAIL SALES

KIND OF BUSINESS	INDEX (1957–59 = 100)		CHANGE			
			Aug. 1979 from July 1979		Aug. 1979 from Aug. 1978	8 mos. 1979 from 1978
	Aug. 1979 (p)	July 1979 (r)	Not Seas. Adj.	Seas. Adj.		
			%	%	%	%
Total Retail Stores[1] [2]	**297**	**284**	**+ 5**	**+ 4**	**+ 8**	**+ 5**
Grocery Stores	318	314	+ 2	+ 3	+ 4	+ 6
Other Food Stores	378	323	+17	+18	+20	+14
General Stores (With Food)	213	165	+30	+26	+13	+18
Department Stores	235	208	+13	+ 2	+10	+ 7
Other General Merchandise	203	188	+ 8	+ 4	+12	+ 6
Men's Clothing-Furns. Stores	108	116	— 6	—12	+ 5	+ x
Family Clothing Stores	143	152	— 7	—21	+ 5	+ 4
Women's Ready-to-Wear Stores	136	117	+17	— 9	+ 5	+ 4
Shoe Stores	123	88	+41	+32	+ 4	+ 3
Furniture Stores	223	219	+ 2	— 4	+ 3	+10
Household Appl.-TV-Rdio Strs.	262	190	+38	+33	+10	+ 4
Home Furnishings Stores	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Motor Vehicle Dealers	430	398	+ 8	+ 9	+ 6	— 3
Other Automotive	167	179	— 7	— 2	— 6	— 1
Filling Stations	392	391	+ x	+ 7	+28	+13
Lumber-Bldg. Matls. Dealers	345	342	+ 1	— 3	— 7	+ 3
Paint, Glass & Wallpaper Strs.	244	215	+13	+ 8	+ 7	+16
Heat.xPlumb. & Elec. Sup. Strs.	308	234	+32	+27	+12	+25
Hardware Stores	271	257	+ 6	+ 5	+ 5	+ 4
Farm Equipment Dealers	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Eating & Drinking Places	206	191	+ 8	+ 4	+13	+16
Drug Stores	231	214	+ 8	+ 7	+12	+ 6
Jewelry Stores	171	185	— 8	—16	— 4	+ 7
Florists	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Fuel Dealers	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Hay-Feed, Farm & Grdn. Strs.	323	327	— 1	+45	+25	+20
State Liquor Stores	160	158	+ 1	+ 2	+ 4	+ 6

For sources and footnotes, see page S-3.

OSU

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